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<u>L1</u>	(masking or mask\$6) or REQMSK	329681	<u>L1</u>

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L11: Entry 1 of 2

File: USPT

Feb 27, 2001

DOCUMENT-IDENTIFIER: US 6195335 B1

TITLE: Data switch

Brief Summary Text (9):

US-A-5267235 and US-A-5500858 describe scheduling arrangements for space-division switches which provide a match between requesters, ie the input adapters of a switch, that must arbitrate for service from one of a number of servers, ie the output adapters of a switch. Each requester presents a set of requests. Requests are presented to all servers to which access is desired. Each server selects one such request and asserts a response signal stating the request selected. Each requester then selects one incoming grant response and deasserts requests to any other servers. In US-A-5267235 it is proposed that the servers select requests on a random or pseudo-random basis. US-A-5500858 proposes a rotating priority approach for selection of requests by the servers and subsequently of a grant response by the requesters.

Brief Summary Text (19):

In a preferred embodiment, the input scheduler and/or the output scheduler is or are arranged to operate using a rotating priority, although other priority schemes such as a random selection may be feasible in some implementations. Particularly effective is the double round robin arrangement in which both the input scheduler and the output scheduler use a rotating priority.

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